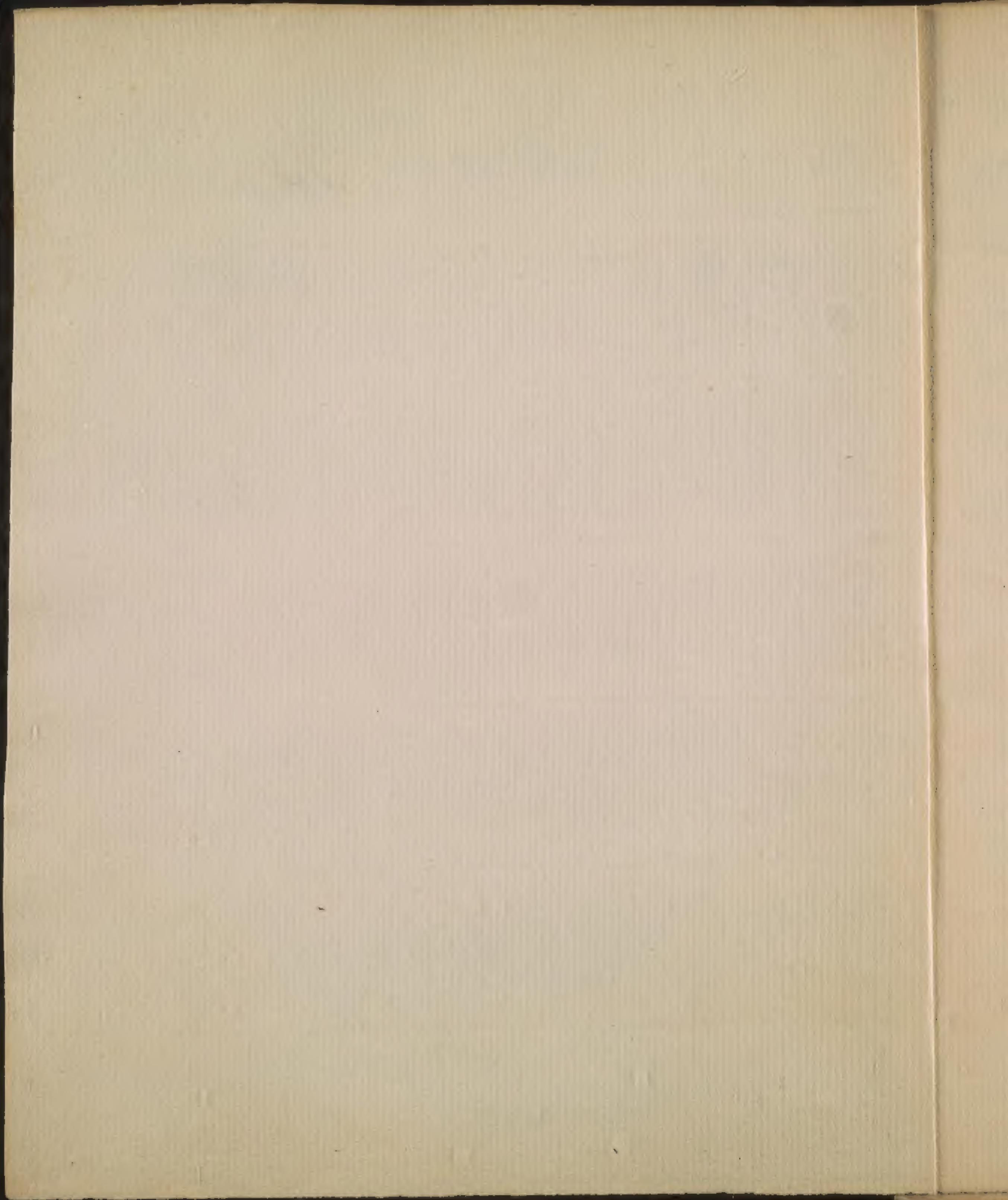


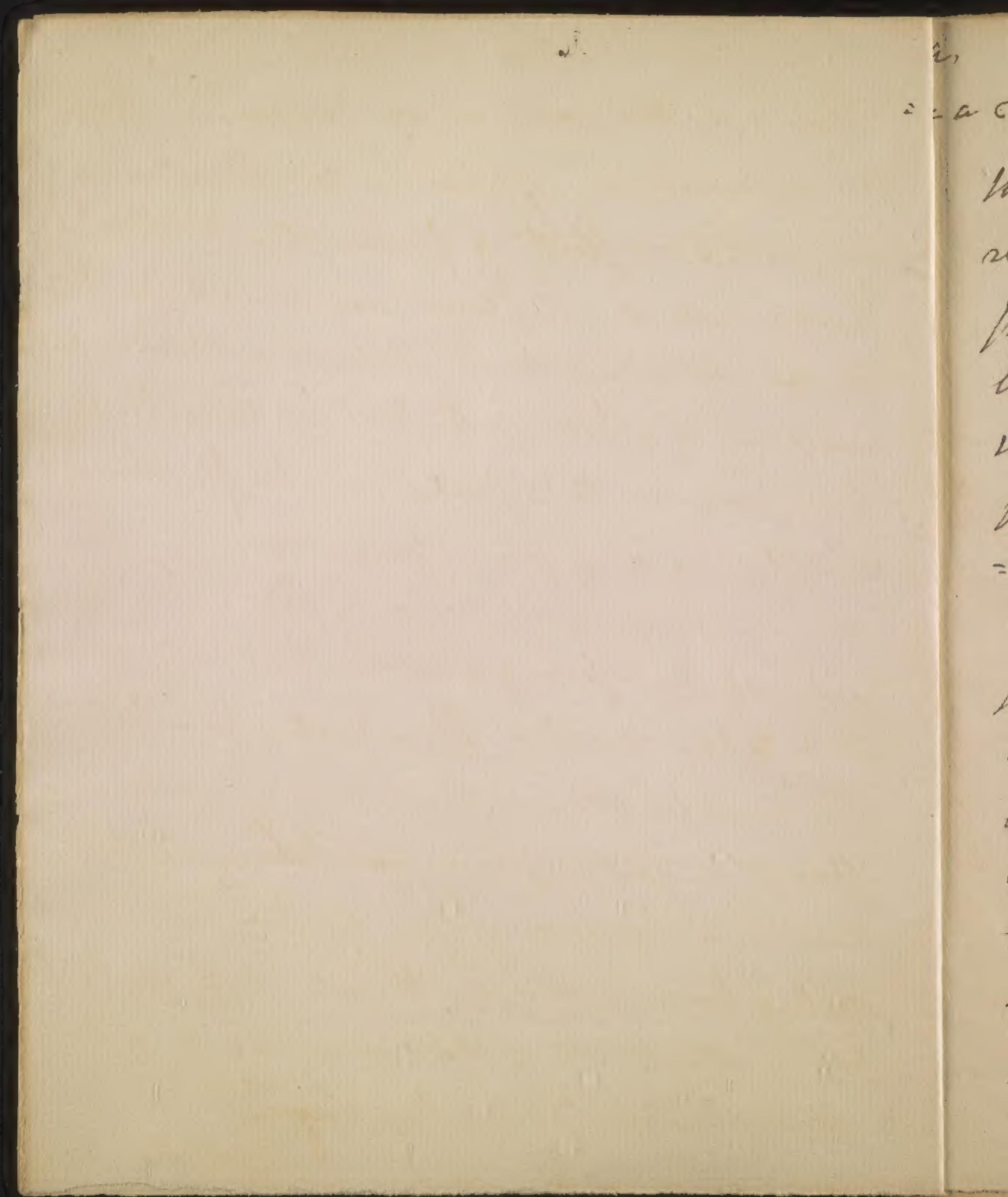
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Discusses Disorders of the  
Urinary Organs continued.

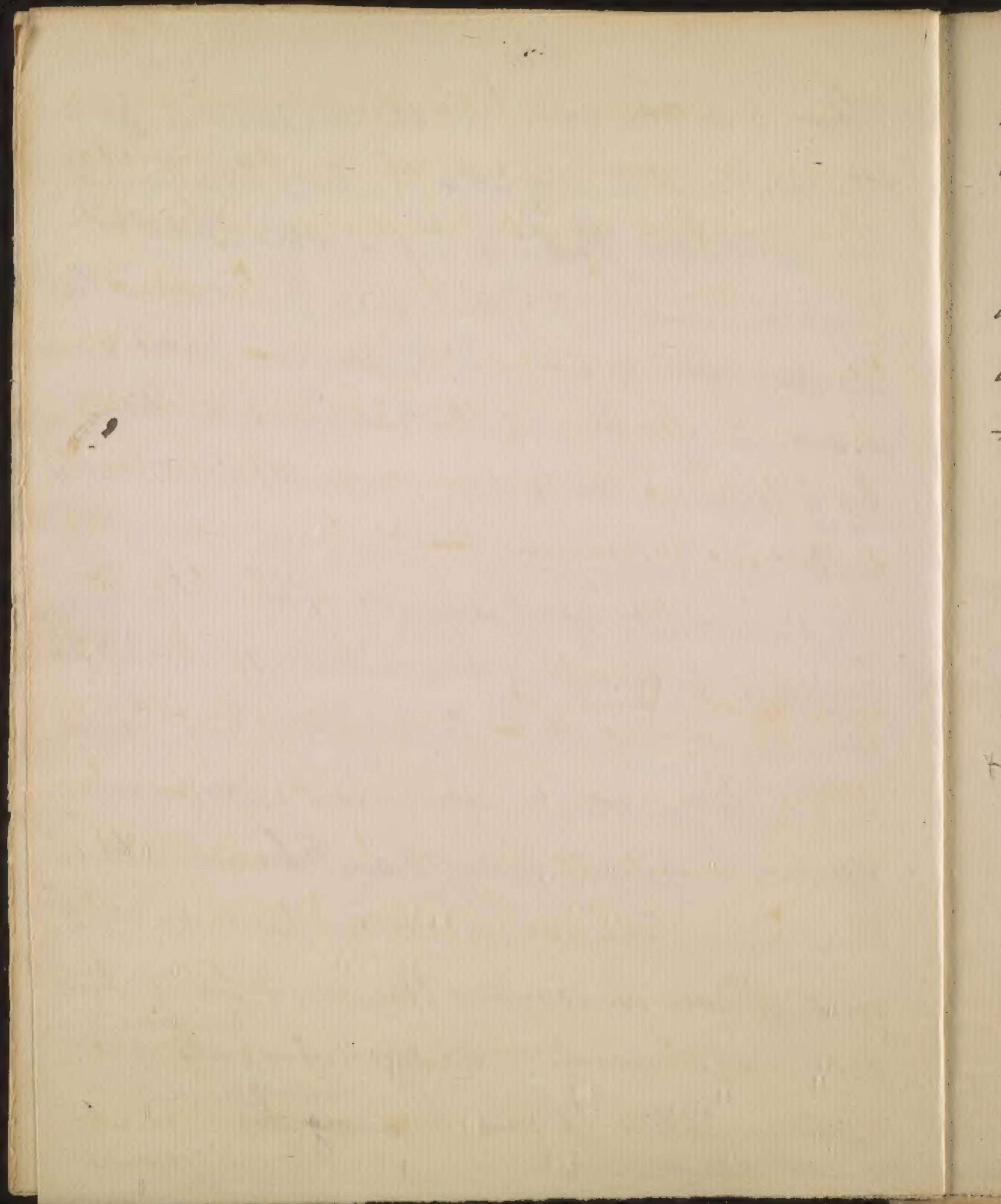






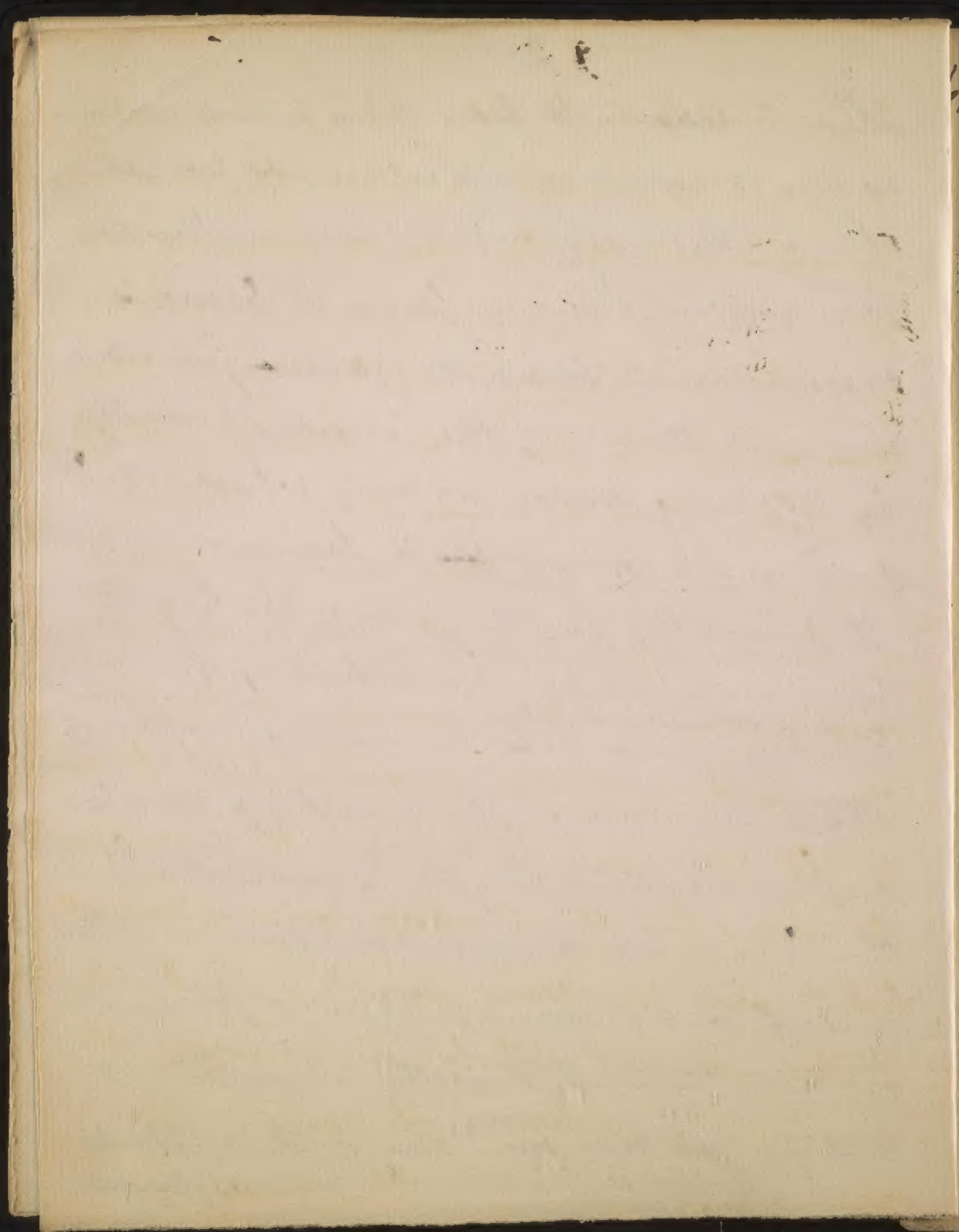
This was the case with the person for the supposed cure of whom, Mrs. Stephens received 5000 Pounds from the British Parliament. A stone was found in his bladder after death. Dr Haller mentions an instance of a Spanish Bishop who lived fifty years with a stone in the bladder without feeling any pain from it.

A new mode of dissolving the stone has been proposed by injecting matter that will dissolve it into the Urethra. Lime water has been employed for this purpose, but without any effect. The Gastric juice has likewise been tried as a solvent upon the human calculi but out of the bladder & in it, but from the result of the experiments of Dr Dosey published in his <sup>inaugural</sup> Dissertation



there is reason to fear there is not much reason to expect a radical remedy for calculi in that very active animal fection.

It is evident however from Dr. Dovay's experiments that the gastric juice unknowns the texture of the Calculus probably by dissolving the mucus only which the Dr. supposes to convert ~~the~~ its lamina. The Dr. found the gastric juice of the hog to be more powerful than that of the dog, or any other animal, in dissolving this connecting matter of those lamina. In making similar experiments it should be recollect that the Calculi are composed of different matter, and of course require different solvents to act upon them. Dr. Priestly informed me that he had once seen one of these Calculi inflame



when held to a candle. They are usually composed of fusible calculi, the mouthy calculi, and the bone earth calculi: all of which yield different products when subjected to a chemical analysis. The ~~various~~ calculi found in other parts of the body differ likewise from those found in the bladder, and the calculi of brutes differ in their products from those found in the human body. From these facts and the unsuccessfulness of all attempts to dissolve the human calculi in the bladder, we are naturally led to seek for other remedies - which if they do not dissolve it, prevent its increase, and leper its skin.

These should be

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v when the Calvini are seated in  
them.

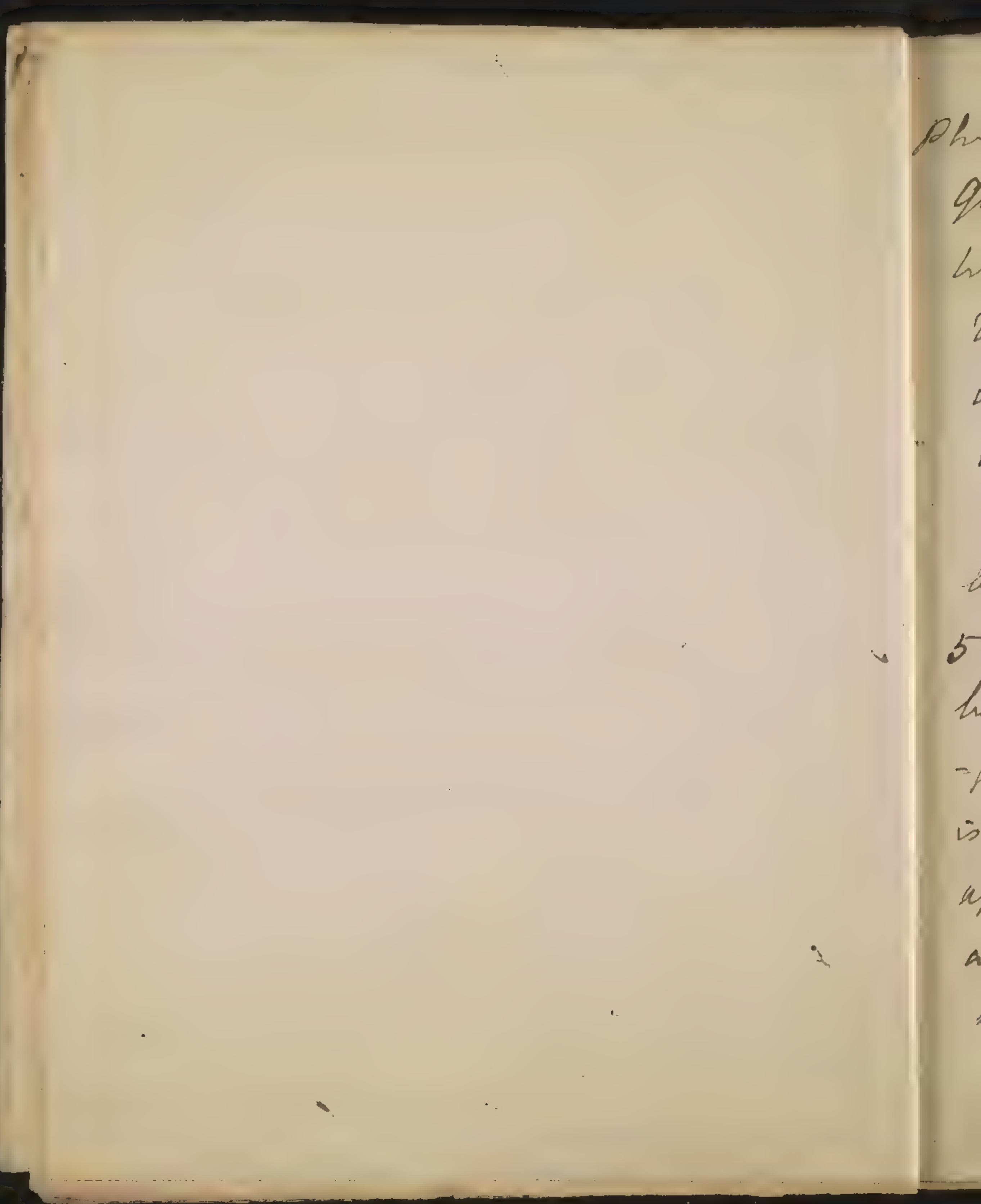
2 The Cold Bath applied to the whole body, or only to the region of the kidneys; the latter may be done either by pouring buckets of cold water upon the back, or by ~~wrapping the~~ applying <sup>applying</sup> the napkins dipped in cold water to that part of the body, one or twice a day, and afterwards by rubbing it for 10, or 15 minutes with a dry cloth. I have heard of one instance, and known another, in which cures were performed of nephritic calculi by the latter mode of applying cold water to the external region of the kidneys.

3 Exercise. This should be confined only to calipers in the kidneys. It should moreover be of such a nature as to not <sup>indirectly</sup> impair

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the kidneys. Digging in a garden, and playing at bowls by gently bending the body is calculated to have that effect. Exercise of any kind acts further by promoting perspiration which never fails to open the quantity of lithic acid in the urine, and thence to prevent the increased of the calculi.

4. Drinking large quantities of pure river, or running water. I have seen obvious good effects from this remedy. The warm springs of Virginia and the waters of Bell tower I believe do good in Calculi more by the quantity taken, than by their quality. The Schuylkill water has cured this disease in several of the citizens of



Philadelphia, only from its purity & the large  
quantities of it that have been taken of it.  
Where the taste and the stomach revolt at  
drinking simple water, it ~~is~~ <sup>or tea</sup> greater  
or any pleasant diuretic herb, ~~may be~~  
~~instead of it~~ such as parsley, Scabies,  
wild carrot seed, or water melon seeds may  
be infused in it.

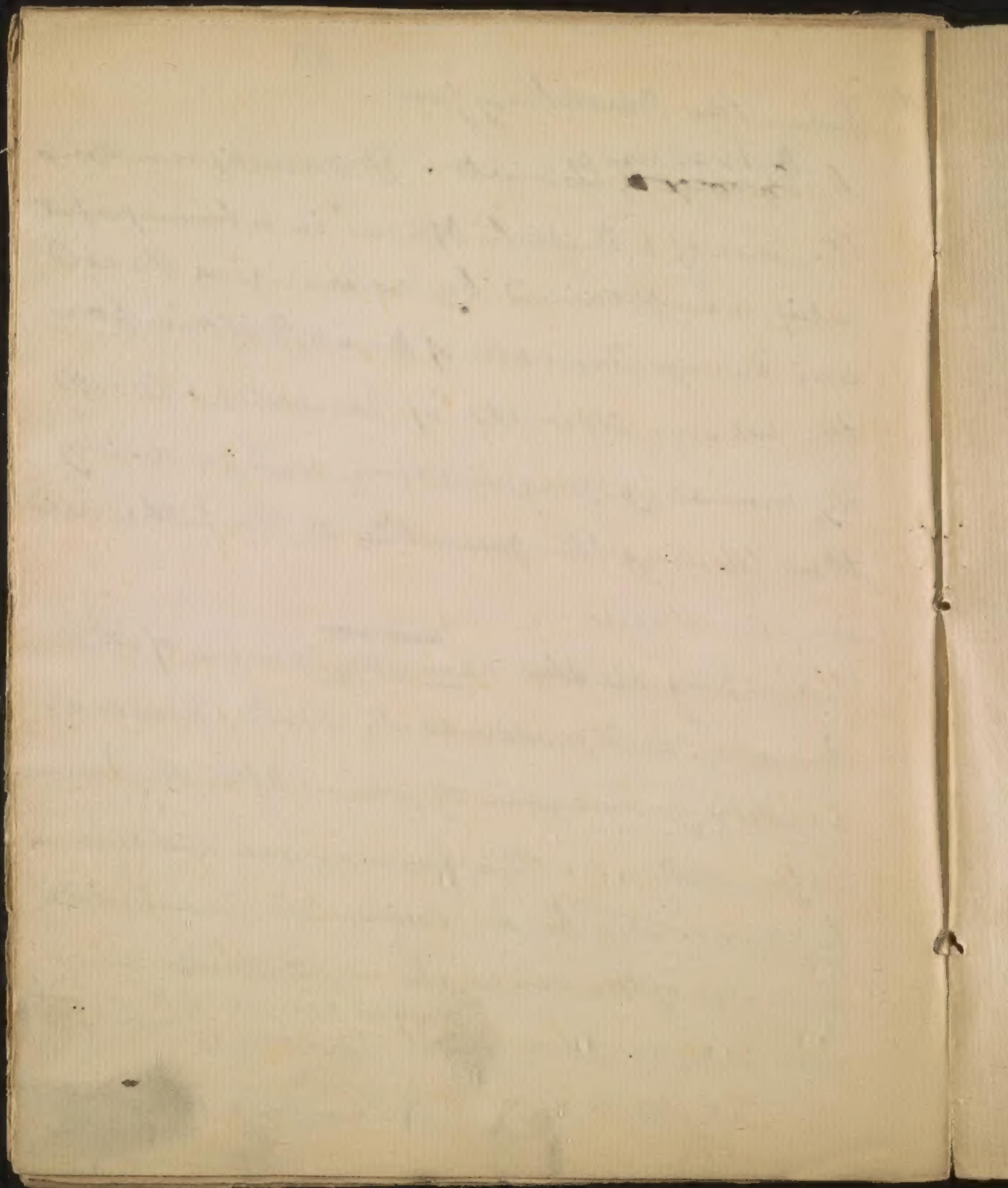
5 a diet of sugar. The Blackberry jam has  
been much recommended ~~for~~ in this com-  
plaint. The active ingredient in it I believe  
is the sugar, for Dr Franklin who was much  
afflicted in the last years of his life with  
a stone in his bladder informed me that  
he found the same relief from drinking  
a teacupful of warm water with some  
sugar dissolved in it that he <sup>had</sup> felt from



from the Blackberry jam.

6 A Warm Climate. Dr. Morley mentions the case of a British Officer in whom perfect relief was obtained by exchanging the cold and damp climate of Great Britain for the warm climate of Jamaica. It acted by promoting perspiration and probably thus lessening the quantity of the lithic acid in the Urine.

By avoiding all the ~~remote~~<sup>and</sup> causes of the disease, and particularly such causes as excite a surcharge of pain after the disease is formed. — The former are and ailments, lying on the back, constipation, incomplete discharge of the Urine, &c — the latter are violent exposures of the mind & cold, fatigue from all its causes, & riding on horseback, or in a carriage over rough



roads. The last of those exciting causes brought a severe fit of the disease upon Dr Franklin in Paris, which led him to say when he got out of his coach, that he would never ride in such a carriage over rough stones again, until he was first satisfied the driver had a stone in his bladder as well as himself.

By means of the remedies I have thus mentioned, I do not know that I have ever dissolved a stone in the kidneys or bladder, but I am sure I have relieved and destroyed its pain in many instances.

The great secret in the use of these Remedies consists in using them when the disease is least felt, and in persevering in the use of them for several years. —

